

Claims

[c1] **What is claimed is:**

1. A wireless communication system comprising:
a housing;
an antenna installed inside the housing comprising:
a radiator for transmitting and receiving radio signals;
and
a ground terminal connected to the radiator for ground-
ing; and
a dielectric material installed inside the housing and not
installed between the radiator and the ground terminal.

[c2] 2. The wireless communication system of claim 1 wherein
the dielectric material is glued to the inner side of the
housing.

[c3] 3. The wireless communication system of claim 1 wherein
the dielectric material is locked to the inner side of the
housing.

[c4] 4. The wireless communication system of claim 1 wherein
the dielectric material is embedded in the inner side of
the housing.

- [c5] 5.The wireless communication system of claim 1 wherein the dielectric material is connected to the inner side of the housing in a one-unified-body structure.
- [c6] 6.The wireless communication system of claim 1 wherein the housing is a LCD cover.
- [c7] 7.The wireless communication system of claim 1 wherein the dielectric material is made of plastic.
- [c8] 8.The wireless communication system of claim 1 wherein the dielectric material is made of cermet.
- [c9] 9.The wireless communication system of claim 1 wherein the dielectric material is a glass fiber substrate.